Question

* not indeed between events consisting of physical magnitudes taking values, but linking the value of a physical magnitude for one particle to the ~~macroscopic~~ experimental environment encountered by the other particle. Notice that this does not conflict with the formal no-signalling theorem, if we suppose we lack the ~~necessary~~ control over the macroscopic features of the environmental context to exploit the causal connection as a signalling device which is a statistical result and does not apply to what happens on a particular occasion. Moreover, note that observation on a single particle cannot be used to signal, since as far as we can detect the state of one particle the causal influence of the remote environmental context becomes inoperative. pair of particles it can be shown that